

1 Supplemental Tables

2 Supplemental Table 1a. Demographic characteristics for PBSC donors, stratified by cohort

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	Prospective	Retrospective	
Variable	No. (%)	No. (%)	p-value
Number of donors	8760	5770	
Number of filgrastim exposures – N (%)			
1	8414 (96)	5165 (90)	
2	193 (2)	223 (4)	
3	1 (<1)	5 (<1)	
Number of both BM donations and filgrastim exposures ^a – No. (%)			
1 BM donation -1 filgrastim exposure	149 (2)	349 (6)	
1 BM donation - 2 filgrastim exposures	1 (<1)	12 (<1)	
2 BM donations -1 filgrastim exposure	2 (<1)	16 (<1)	
Sex – No. (%)			<0.001
Female	3392 (39)	2583 (45)	
Male	5368 (61)	3187 (55)	
Race – No. (%)			<0.001
White	6341 (72)	4639 (80)	
Hispanic	843 (10)	409 (7)	
Black	320 (4)	178 (3)	
Asian / Pacific Islander	549 (6)	251 (4)	
Native American	52 (1)	51 (1)	
Multiple races / Other	624 (7)	224 (4)	
Unknown / Decline	31 (<1)	18 (<1)	
Age at first filgrastim exposure, years – No. (%)			<0.001
18 to 29	4427 (51)	1469 (25)	
30 to 39	2076 (24)	1795 (31)	
40 to 49	1546 (18)	1685 (29)	
50+	711 (8)	821 (14)	
Median (min-max)	30 (18-62)	38 (18-62)	<0.001
Year of first filgrastim exposure – No. (%)			<0.001
1999	0	15 (<1)	
2000	0	137 (2)	
2001	0	195 (3)	
2002	1 (<1)	316 (5)	
2003	0	466 (8)	
2004	1 (<1)	452 (8)	

2005	2 (<1)	535 (9)	
2006	0	587 (10)	
2007	4 (<1)	648 (11)	
2008	3 (<1)	774 (13)	
2009	7 (<1)	843 (15)	
2010	259 (3)	742 (13)	
2011	1409 (16)	41 (1)	
2012	1762 (20)	10 (<1)	
2013	2010 (23)	0	
2014	1810 (21)	7 (<1)	
2015	1478 (17)	1 (<1)	
2016	14 (<1)	1 (<1)	
Median (min-max) follow-up - years	5.0 (0.6-16.0)	11.9 (0.6-20.2)	<0.001

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5 PBSC = peripheral blood stem cells; BM= bone marrow; No=number; min=minimum; max=maximum
6 ^a X-Y lists the total number of BM donations followed by the total number of exposures to filgrastim.
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8 **Supplemental Table 1b. Demographic characteristics for BM donors, stratified by cohort**
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	<u>Prospective</u>	<u>Retrospective</u>	
Variable	No. (%)	No. (%)	p-value
Number of donors	3028	4095	
Number of BM donations – No. (%)			
1	2882 (95)	3614 (88)	
2	21 (1)	148 (4)	
3	0	12 (<1)	
Number of both BM donations and filgrastim exposures ^a – No. (%)			
1 BM donation – 1 filgrastim exposure	122 (4)	294 (7)	
1 BM donation – 2 filgrastim exposures	1 (<1)	11 (<1)	
2 BM donations – 1 filgrastim exposure	2 (<1)	16 (<1)	
Sex – No. (%)			0.001
Female	1230 (41)	1818 (44)	
Male	1798 (59)	2277 (56)	
Race – No (%)			<0.001
White	1882 (62)	3188 (78)	
Hispanic	440 (15)	358 (9)	
Black	209 (7)	187 (5)	
Asian / Pacific Islander	216 (7)	191 (5)	
Native American	26 (1)	42 (1)	

Multiple races / Other	251 (8)	109 (2)	
Unknown / Decline	4 (<1)	20 (<1)	
Age at first BM collection, years – No. (%)			<0.001
18 to 29	1528 (50)	1014 (25)	
30 to 39	803 (27)	1383 (34)	
40 to 49	515 (17)	1289 (31)	
50+	182 (6)	409 (10)	
Median (min-max)	30 (19-61)	38 (19-61)	<0.001
Year of first BM collection – No. (%)			<0.001
1989	0	1 (<1)	
1990	0	4 (<1)	
1991	0	3 (<1)	
1992	1 (<1)	6 (<1)	
1993	1 (<1)	18 (<1)	
1994	0	9 (<1)	
1995	0	10 (<1)	
1996	3 (<1)	22 (1)	
1997	2 (<1)	28 (1)	
1998	4 (<1)	32 (1)	
1999	0	281 (7)	
2000	1 (<1)	491 (12)	
2001	1 (<1)	434 (11)	
2002	2 (<1)	455 (11)	
2003	1 (<1)	374 (9)	
2004	2 (<1)	305 (7)	
2005	2 (<1)	241 (6)	
2006	1 (<1)	271 (7)	
2007	1 (<1)	275 (7)	
2008	1 (<1)	279 (7)	
2009	2 (<1)	295 (7)	
2010	82 (3)	247 (6)	
2011	499 (16)	11 (<1)	
2012	654 (22)	2 (<1)	
2013	655 (22)	1 (<1)	
2014	625 (21)	0	
2015	484 (16)	0	
2016	4 (<1)	0	
Median (min-max) follow-up - years	5.0 (0.0-27.8)	14.2 (0.0-29.2)	<0.001

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PBSC=peripheral blood stem cells; BM= bone marrow; No=number; min=minimum; max=maximum

12 ^a X-Y lists the total number of BM donations followed by the total number of exposures to filgrastim. Donors in the BM group who
13 later had exposure to filgrastim were censored at the time of filgrastim exposure.
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